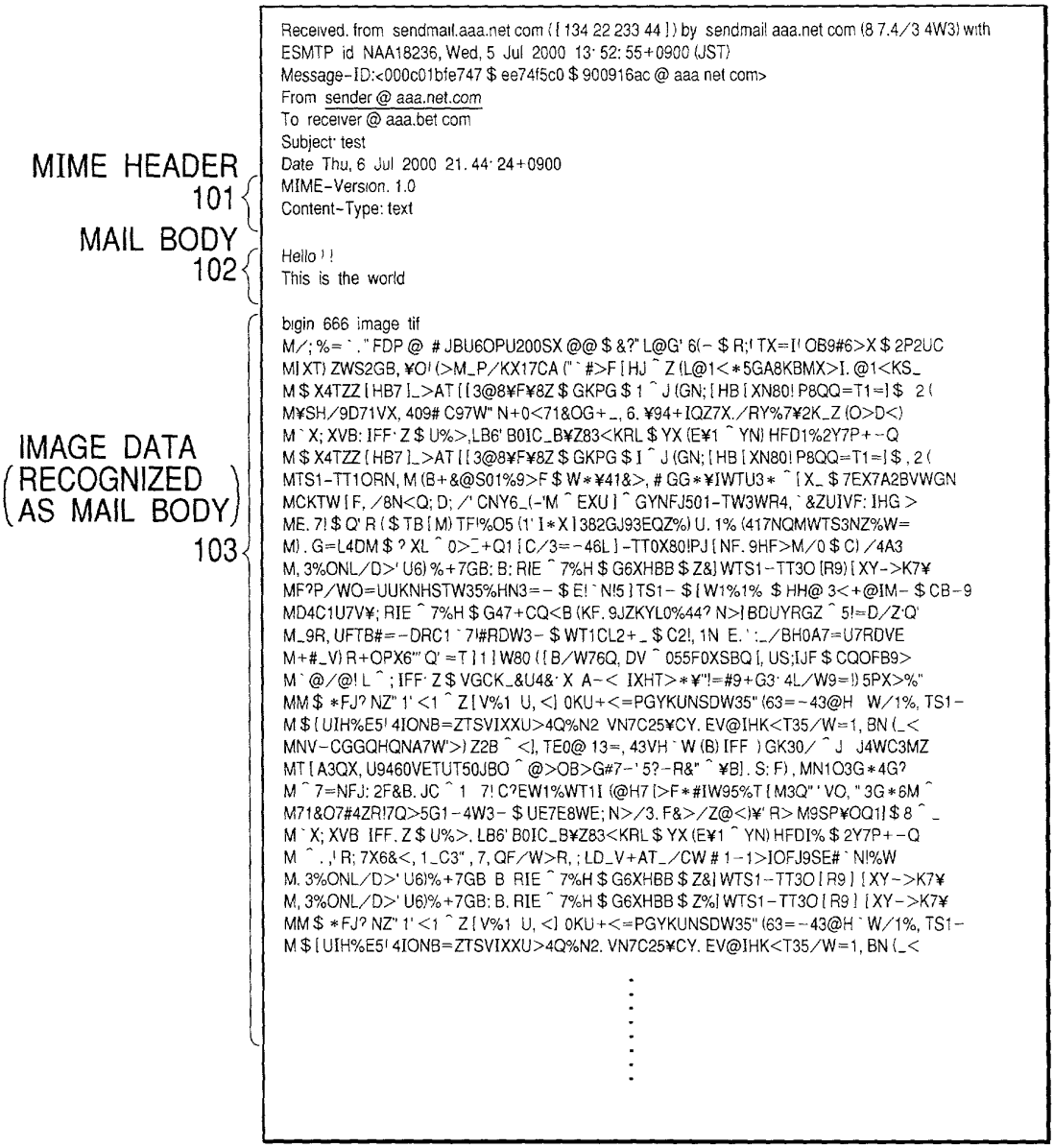
FIG. 1

MIME HEADER 101

MAIL BODY 102

IMAGE DATA (RECOGNIZED AS MAIL BODY) 103



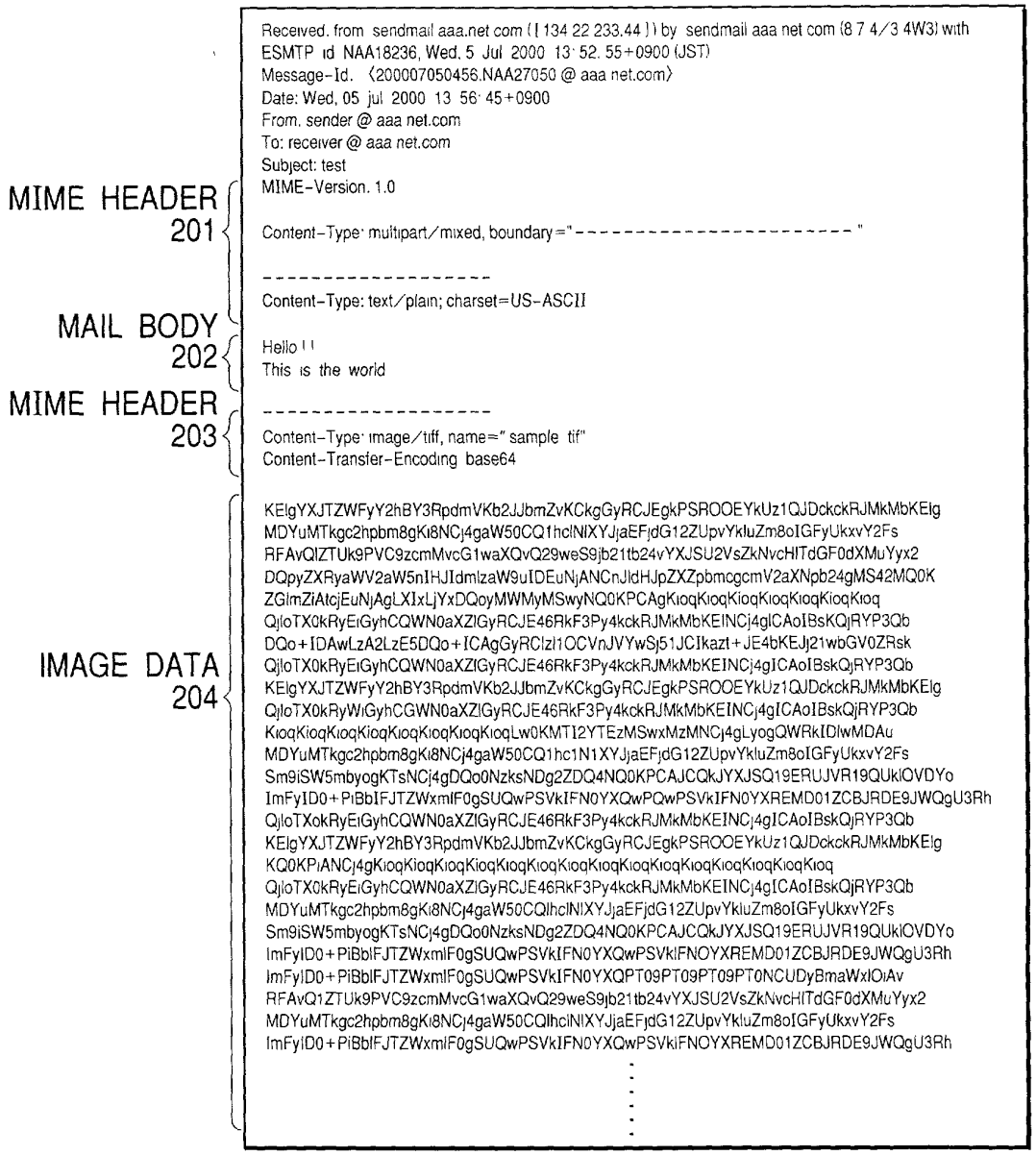
Received. from sendmail.aaa.net com ([134 22 233 44]) by sendmail aaa.net com (8 7.4/3 4W3) with
ESMTP id NAA18236, Wed, 5 Jul 2000 13· 52: 55+0900 (JST)
Message-ID:<000c01bfe747 $ ee74f5c0 $ 900916ac @ aaa net com>
From sender @ aaa.net.com
To receiver @ aaa.bet com
Subject· test
Date Thu, 6 Jul 2000 21. 44· 24+0900
MIME-Version. 1.0
Content-Type: text

Hello ! !
This is the world

bigin 666 image tif
M/; %= ` ." FDP @ # JBU6OPU200SX @@ $ &?" L@G' 6(− $ R;! TX=I! OB9#6>X $ 2P2UC
MI XT) ZWS2GB, ¥O! (>M_P/KX17CA (" ` #>F [HJ ^ Z (L@1<＊5GA8KBMX>I. @1<KS_
M $ X4TZZ [HB7]_>AT [[3@8¥F¥8Z $ GKPG $ 1 ^ J (GN; [HB [XN80! P8QQ=T1=] $ 2 (
M¥SH/9D71VX, 409# C97W" N+0<71&OG+_, 6. ¥94+IQZ7X./RY%7¥2K_Z (O>D<)
M ` X; XVB: IFF· Z $ U%>,LB6' B0IC_B¥Z83<KRL $ YX (E¥1 ^ YN) HFD1%2Y7P+−Q
M $ X4TZZ [HB7]_>AT [[3@8¥F¥8Z $ GKPG $ I ^ J (GN; [HB [XN80! P8QQ=T1=] $, 2 (
MTS1−TT1ORN, M (B+&@S01%9>F $ W＊¥41&>, # GG＊¥IWTU3＊ ^ [X_ $ 7EX7A2BVWGN
MCKTW [F, /8N<Q; D; /' CNY6_(−'M ^ EXU] ^ GYNFJ501−TW3WR4, ` &ZUIVF: IHG >
ME. 7! $ Q' R ($ TB [M) TF!%O5 (1' I＊X] 382GJ93EQZ%) U. 1% (417NQMWTS3NZ%W=
M) . G=L4DM $? XL ^ 0>_+Q1 [C/3=−46L] −TT0X80!PJ [NF. 9HF>M/0 $ C) /4A3
M, 3%ONL/D>' U6) %+7GB: B: RIE ^ 7%H $ G6XHBB $ Z&] WTS1−TT3O [R9) [XY−>K7¥
MF?P/WO=UUKNHSTW35%HN3=− $ E! ` N!5] TS1− $ [W1%1% $ HH@ 3<+@IM− $ CB−9
MD4C1U7V¥; RIE ^ 7%H $ G47+CQ<B (KF. 9JZKYL0%44? N>] BDUYRGZ ^ 5!=D/Z·Q'
M_9R, UFTB#=−DRC1 ` 7!#RDW3− $ WT1CL2+_ $ C2!, 1N E. ' :_/BH0A7=U7RDVE
M+#_V) R+OPX6"' Q' =T] 1] W80 ([B/W76Q, DV ^ 055F0XSBQ [, US;IJF $ CQOFB9>
M ` @/@! L ^ ; IFF· Z $ VGCK_&U4&· X A−< IXHT>＊¥"!=#9+G3· 4L/W9=!) 5PX>%"
MM $ ＊FJ? NZ" 1' <1 ^ Z [V%1 U, <] 0KU+<=PGYKUNSDW35" (63=−43@H W/1%, TS1−
M $ [UIH%E5! 4IONB=ZTSVIXXU>4Q%N2 VN7C25¥CY. EV@IHK<T35/W=1, BN (_<
MNV−CGGQHQNA7W'>) Z2B ^ <], TE0@ 13=, 43VH ` W (B) IFF) GK30/ ^ J J4WC3MZ
MT [A3QX, U9460VETUT50JBO ^ @>OB>G#7−' 5?−R&" ^ ¥B]. S: F) , MN1O3G＊4G?
M ^ 7=NFJ: 2F&B. JC ^ 1 7! C?EW1%WT1I (@H7 [>F＊#IW95%T [M3Q" ' VO, " 3G＊6M ^
M71&O7#4ZR!7Q>5G1−4W3− $ UE7E8WE; N>/3. F&>/Z@<)¥' R> M9SP¥OQ1] $ 8 ^ _
M ` X; XVB IFF. Z $ U%>. LB6' B0IC_B¥Z83<KRL $ YX (E¥1 ^ YN) HFDI% $ 2Y7P+−Q
M ^ . ,' R; 7X6&<, 1_C3" , 7, QF/W>R, ; LD_V+AT_/CW # 1−1>IOFJ9SE# ` N!%W
M. 3%ONL/D>' U6)%+7GB B RIE ^ 7%H $ G6XHBB $ Z&] WTS1−TT3O [R9] [XY−>K7¥
M, 3%ONL/D>' U6)%+7GB: B. RIE ^ 7%H $ G6XHBB $ Z%] WTS1−TT3O [R9] [XY−>K7¥
MM $ ＊FJ? NZ" 1' <1 ^ Z [V%1 U, <] 0KU+<=PGYKUNSDW35" (63=−43@H ` W/1%, TS1−
M $ [UIH%E5! 4IONB=ZTSVIXXU>4Q%N2. VN7C25¥CY. EV@IHK<T35/W=1, BN (_<

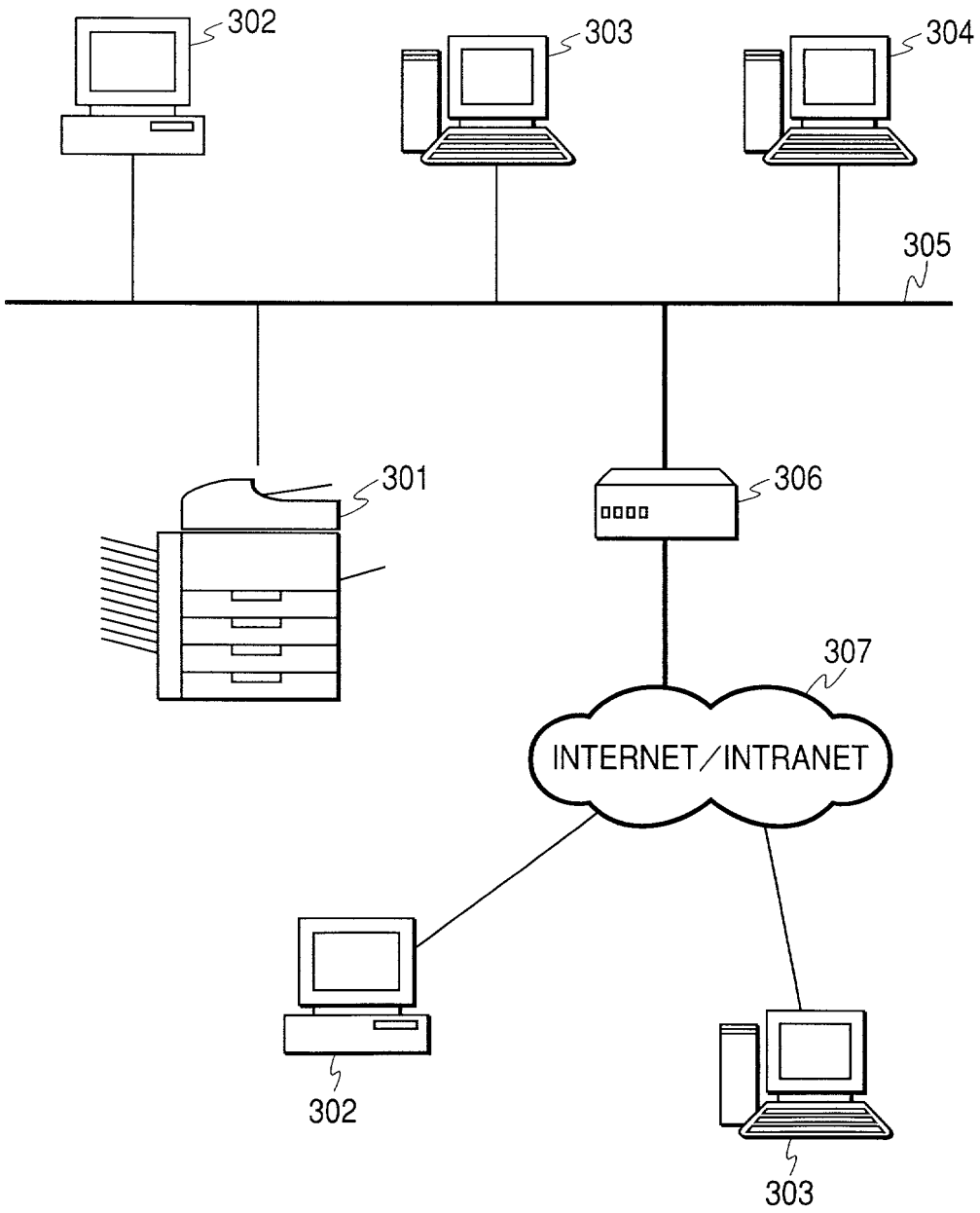
. . . . . .

FIG. 2



US-09625425-D00004

FIG. 3



09525545 - 050704

FIG. 4

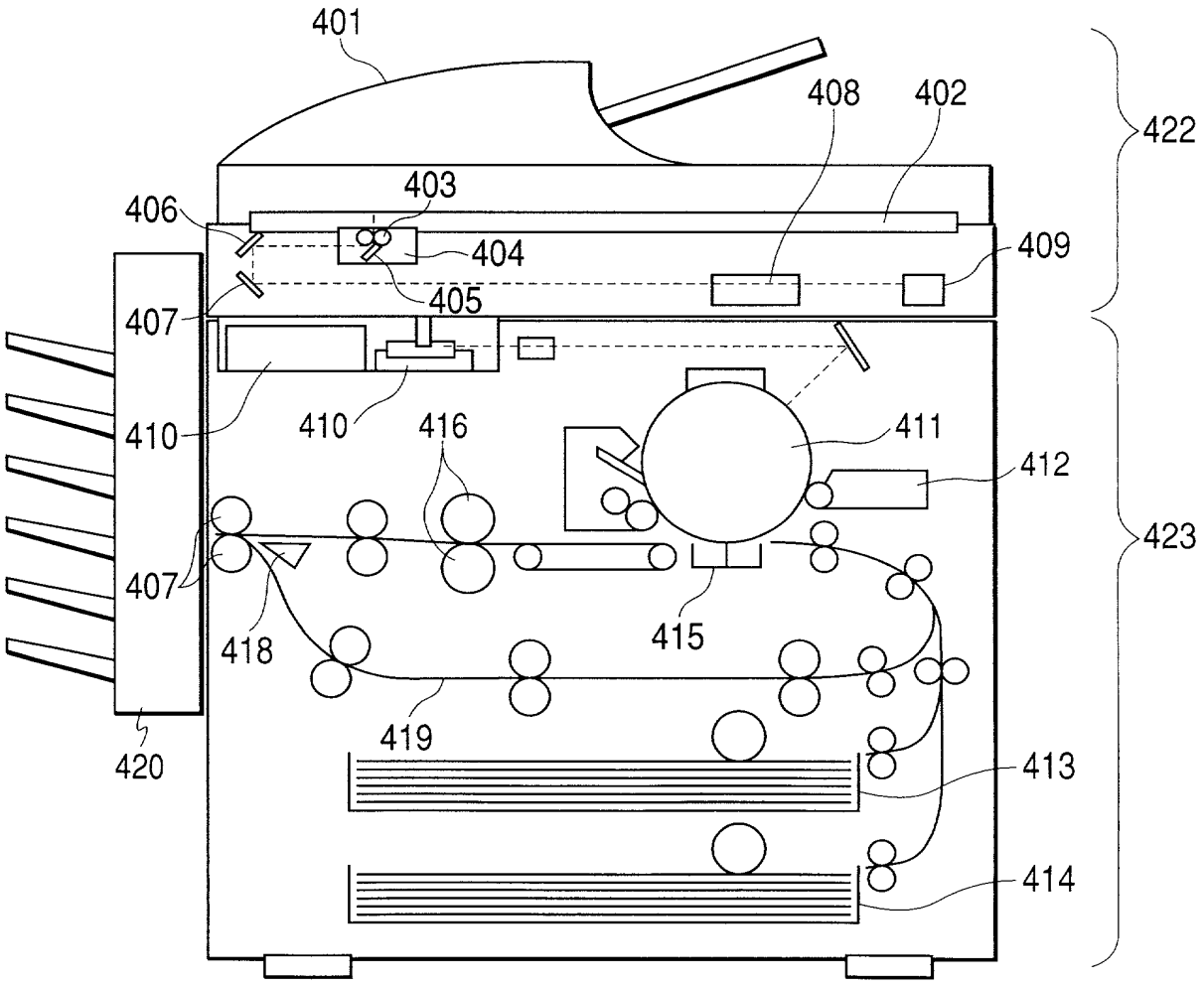


FIG. 5

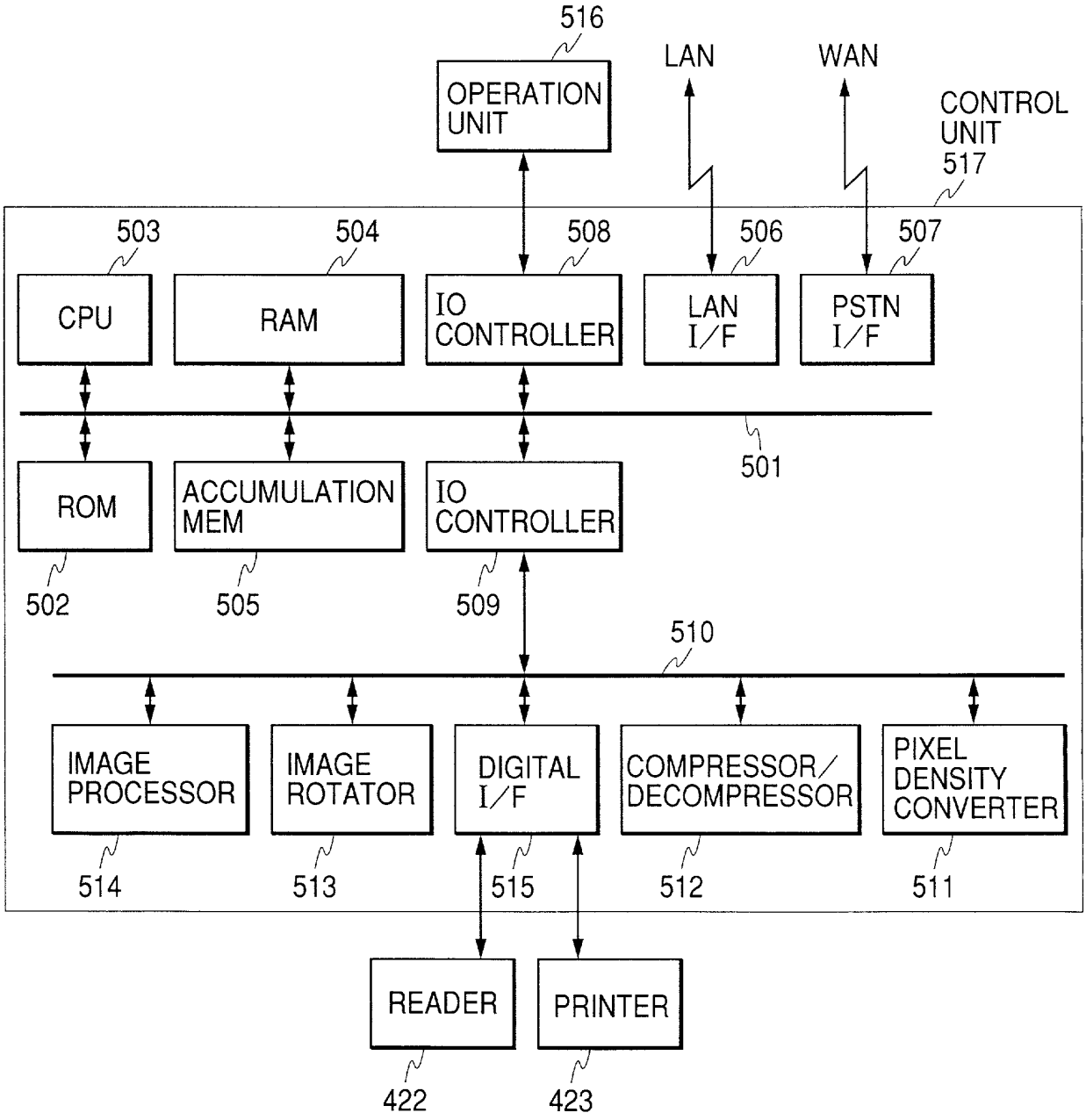

516
OPERATION UNIT
LAN
WAN
CONTROL UNIT
517
503
504
508
506
507
CPU
RAM
IO CONTROLLER
LAN I/F
PSTN I/F
501
ROM
ACCUMULATION MEM
IO CONTROLLER
502
505
509
510
IMAGE PROCESSOR
IMAGE ROTATOR
DIGITAL I/F
COMPRESSOR/ DECOMPRESSOR
PIXEL DENSITY CONVERTER
514
513
515
512
511
READER
PRINTER
422
423

FIG. 6

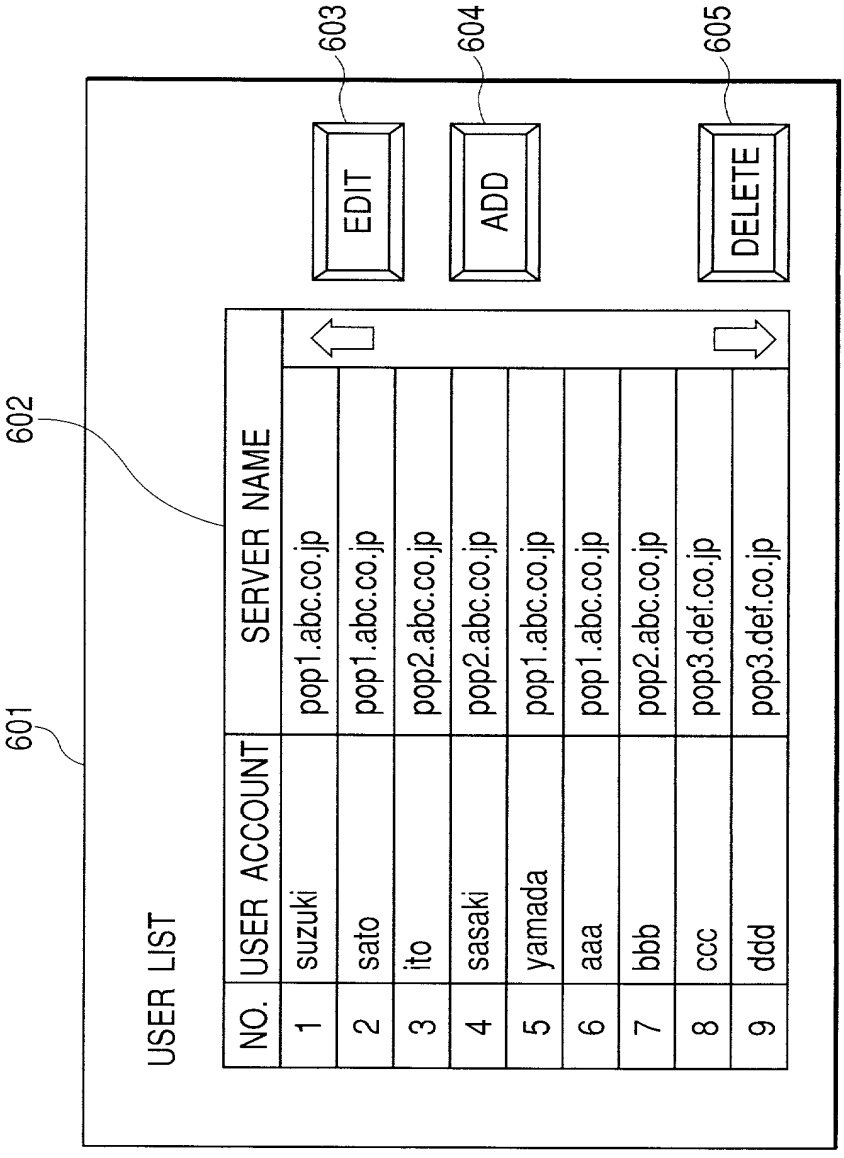

601
602
603
604
605
USER LIST
NO.
USER ACCOUNT
SERVER NAME
1 suzuki pop1.abc.co.jp
2 sato pop1.abc.co.jp
3 ito pop2.abc.co.jp
4 sasaki pop2.abc.co.jp
5 yamada pop1.abc.co.jp
6 aaa pop1.abc.co.jp
7 bbb pop2.abc.co.jp
8 ccc pop3.def.co.jp
9 ddd pop3.def.co.jp
EDIT
ADD
DELETE

FIG. 7

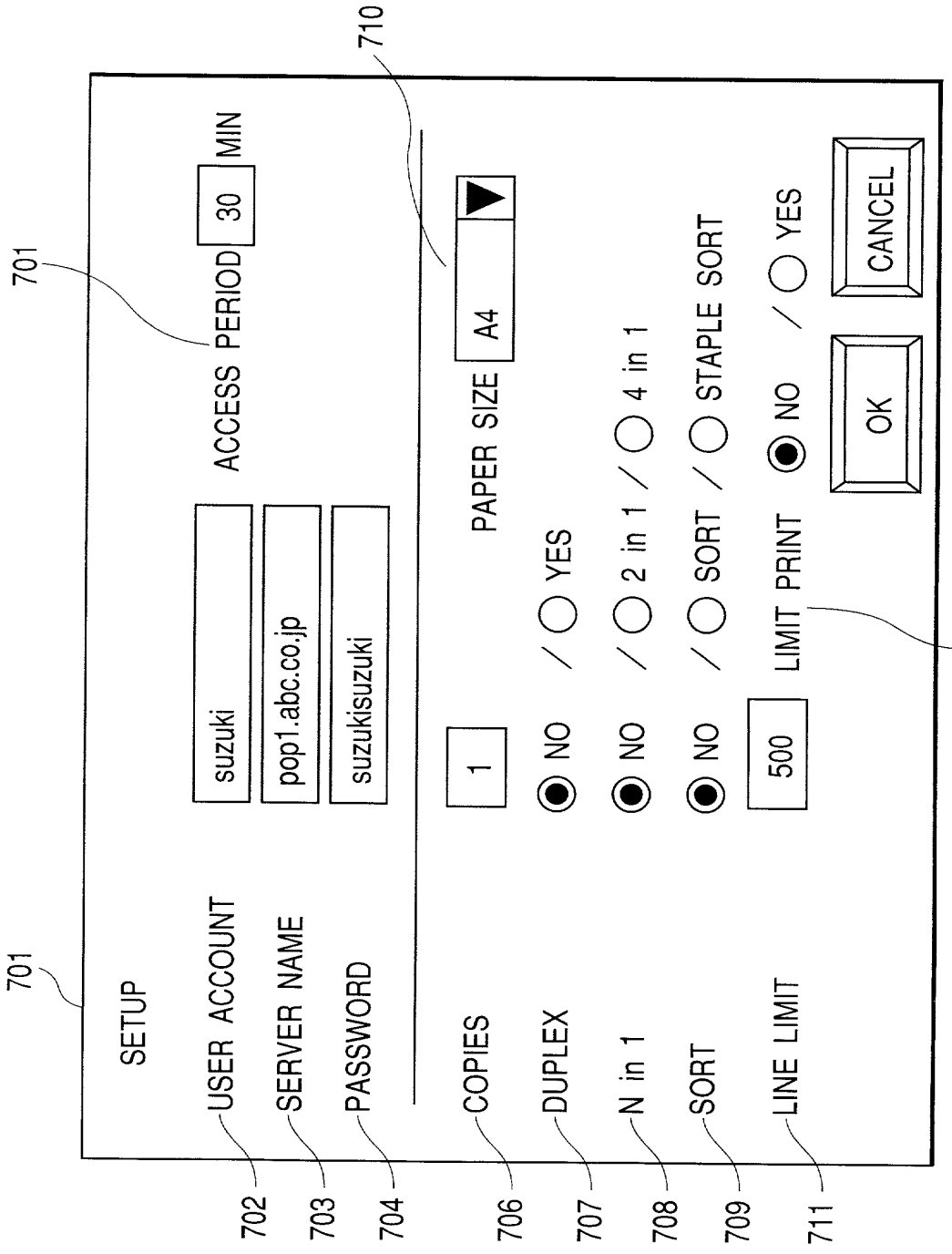
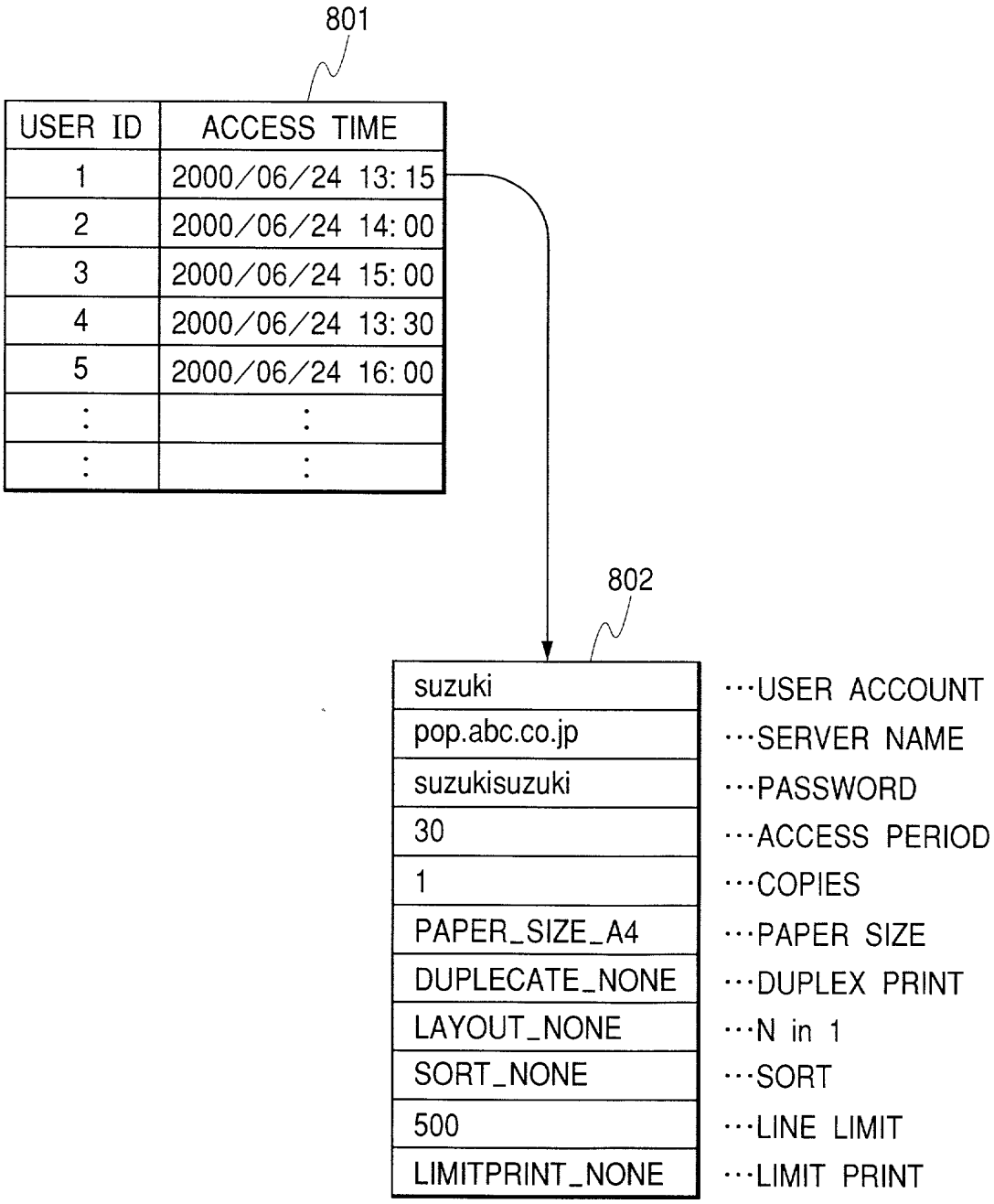
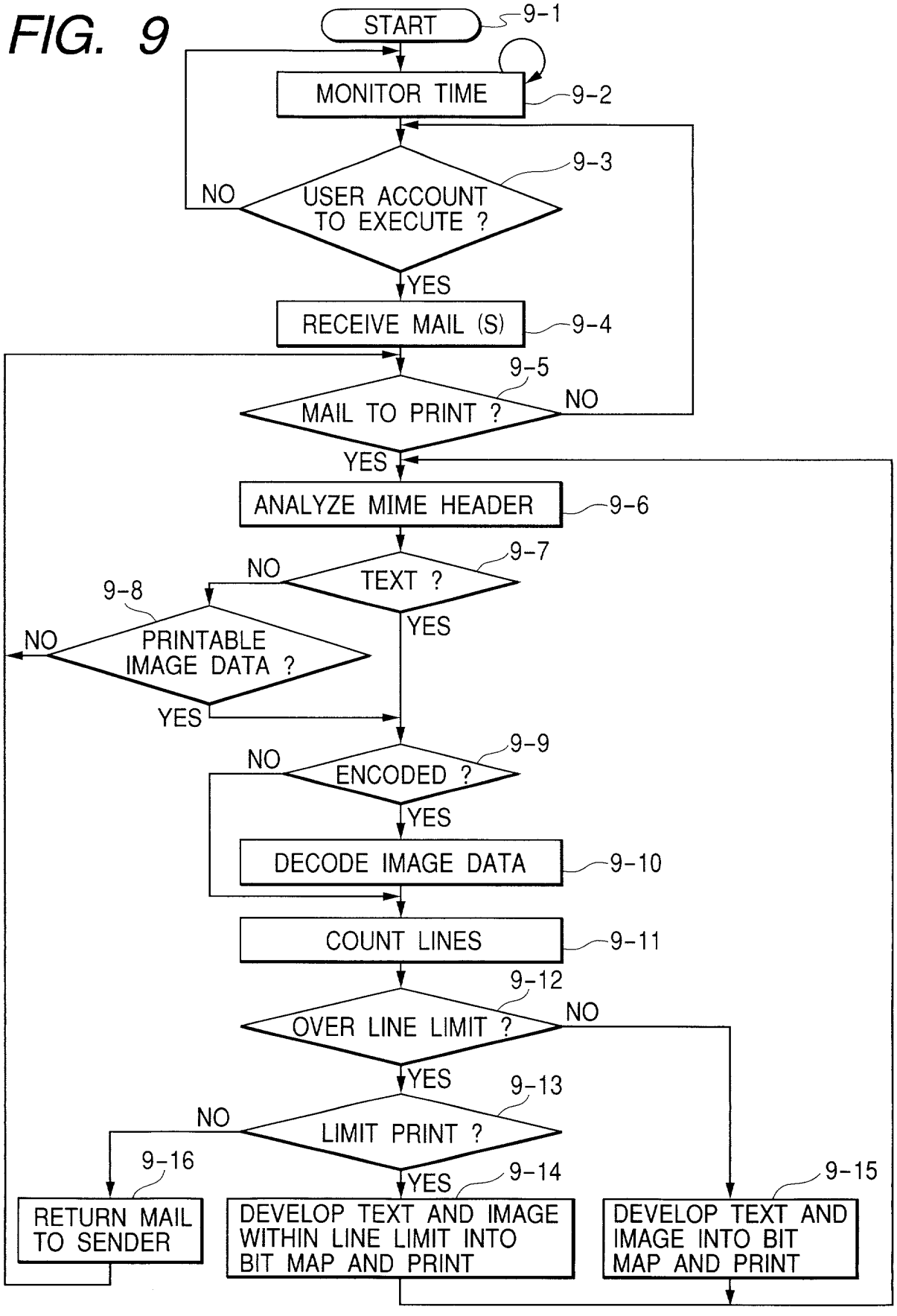

701
SETUP
USER ACCOUNT
SERVER NAME
PASSWORD
COPIES
DUPLEX
N in 1
SORT
LINE LIMIT
suzuki
pop1.abc.co.jp
suzukisuzuki
ACCESS PERIOD
30
MIN
710
PAPER SIZE
A4
1
NO / YES
NO / 2 in 1 / 4 in 1
NO / SORT / STAPLE SORT
500
LIMIT PRINT
NO / YES
OK
CANCEL
712
702
703
704
706
707
708
709
711

FIG. 8



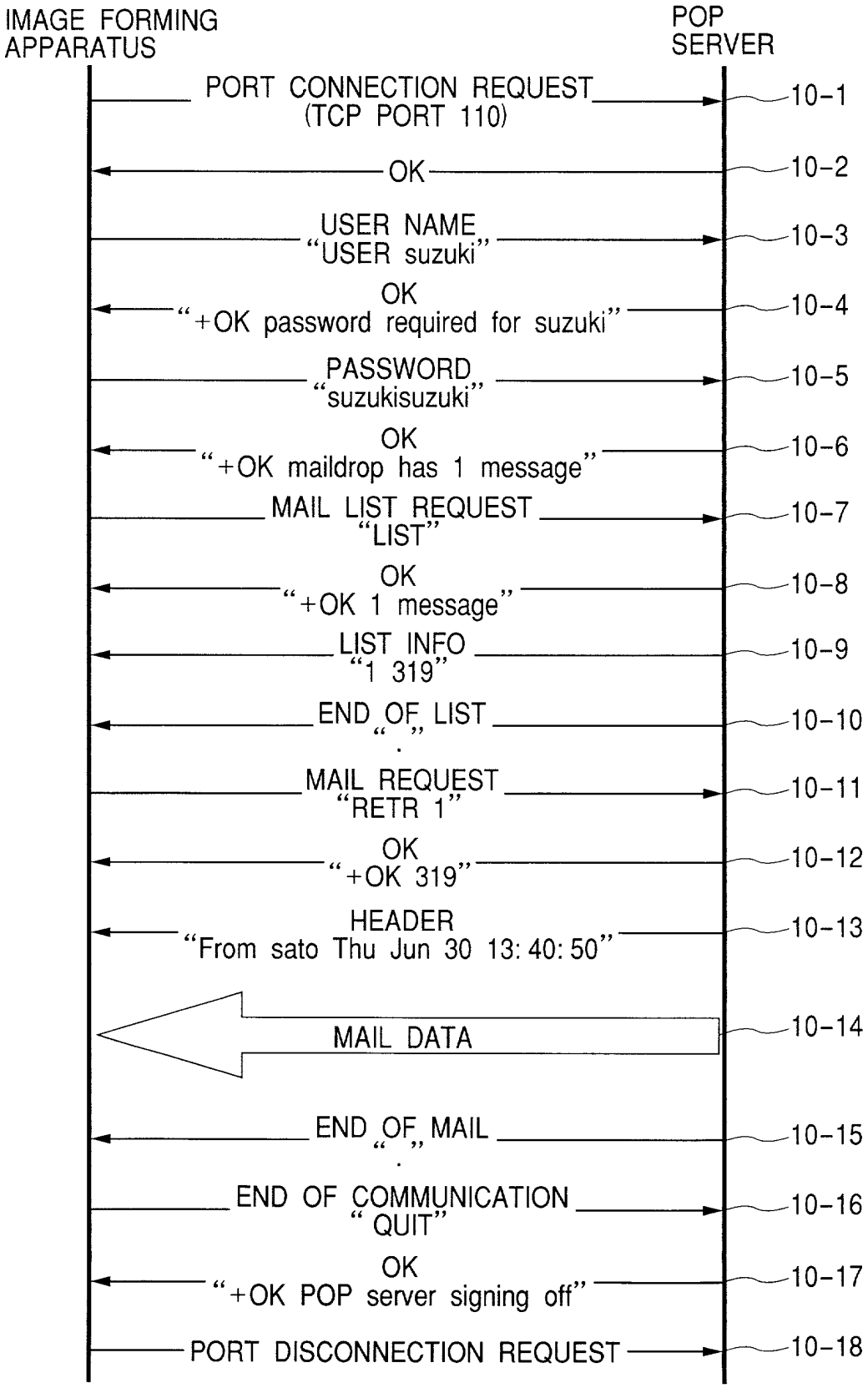
EP 0 969 354 A2

FIG. 9



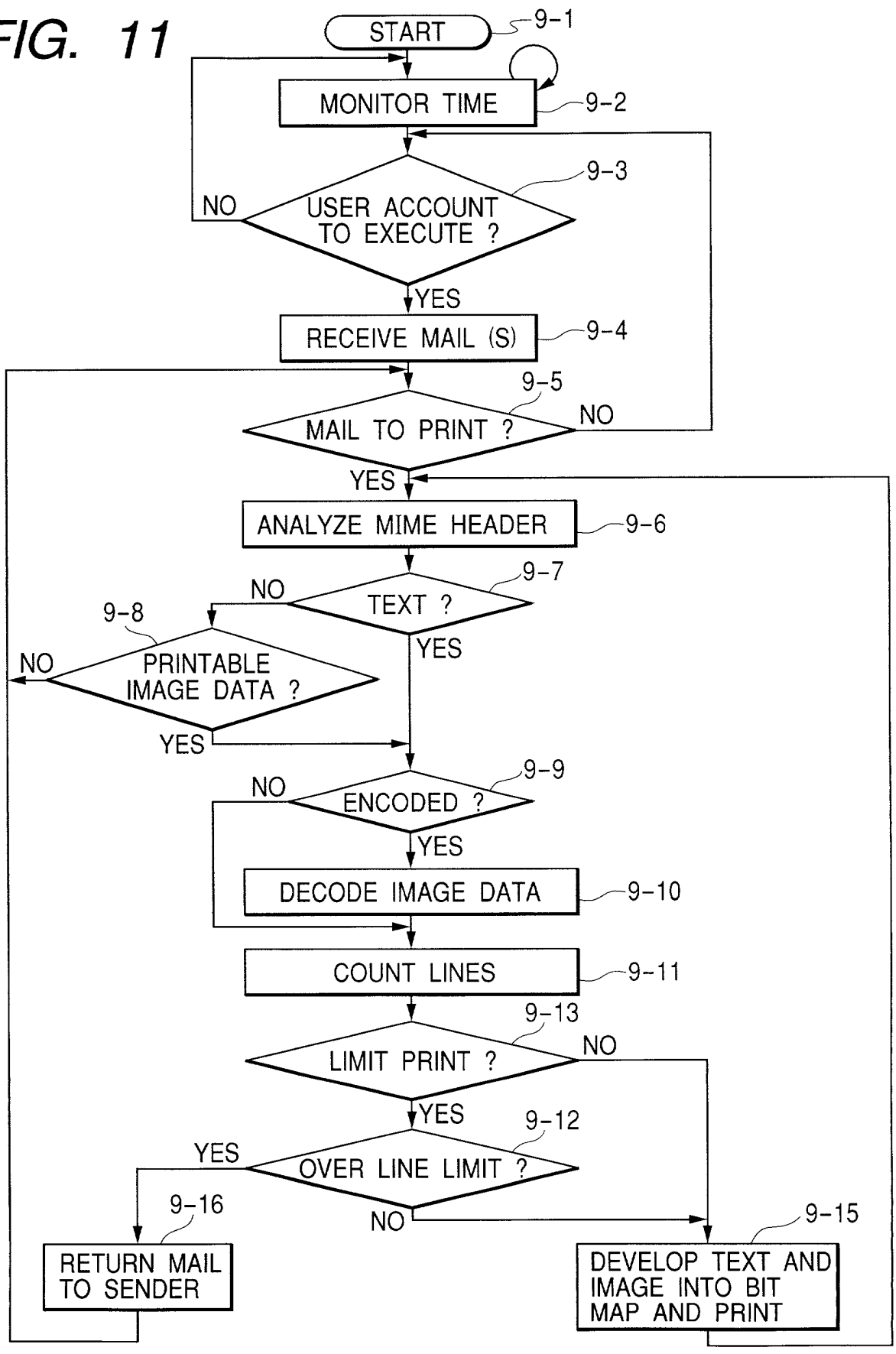
EP 0 809 205 A2

FIG. 10



US 6,952,545 B2

FIG. 11



US 2002/0080405 A1